9-11-2000

Mathematical Models in Biology

The Rockefeller University

THE ROCKEFELLER UNIVERSITY AND NYU
COURANT INSTITUTE OF MATHEMATICAL SCIENCES

Mathematical Models in Biology

A COLLABORATIVE SYMPOSIUM

Monday, September 11, 2000

TIME:	1:00 p.m. – 5:00 p.m.	PLACE:	Caspary Auditorium The Rockefeller University East 66th Street and York Avenue New York City

1:00 p.m. – 1:15 p.m. Introductory Remarks
Arnold J. Levine, *President,* The Rockefeller University
Leslie Greengard, *Professor of Mathematics*
The Courant Institute of Mathematical Sciences
New York University

1:15 p.m. – 1:45 p.m. **Marcelo Magnasco**
Associate Professor, Head of Laboratory
The Rockefeller University
"Statistical Regularities of Natural Scenes"

1:45 p.m. – 2:15 p.m. **Tamar Schlick**
Professor, New York University
"Bridging Experiment and Theory Using Biomolecular Dynamics Simulations"

2:15 p.m. – 2:45 p.m. **Eric Siggia**
Professor, Head of Laboratory, The Rockefeller University
"Strategies for Relating Genome Sequence to Transcription Control"

2:45 p.m. – 3:15 p.m. Afternoon Break

3:15 p.m. – 3:45 p.m. **Andrej Šali**
Associate Professor, Head of Laboratory
The Rockefeller University
"Comparative Protein Structure Modeling of Genes and Genomes"

3:45 p.m. – 4:15 p.m. **Michael J. Shelley**
Professor, New York University
"Response and Architecture in the Primary Visual Cortex"

4:15 p.m. – 4:45 p.m. **Daniel A. Tranchina**
Associate Professor, New York University
"Visual Neuroscience: Photoreceptors to Cortex"

Visit our Web site: www.rockefeller.edu/lectures.html

For additional information, please call Ms. Kristen Cullen at (212) 327-8088.